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FIG. 1

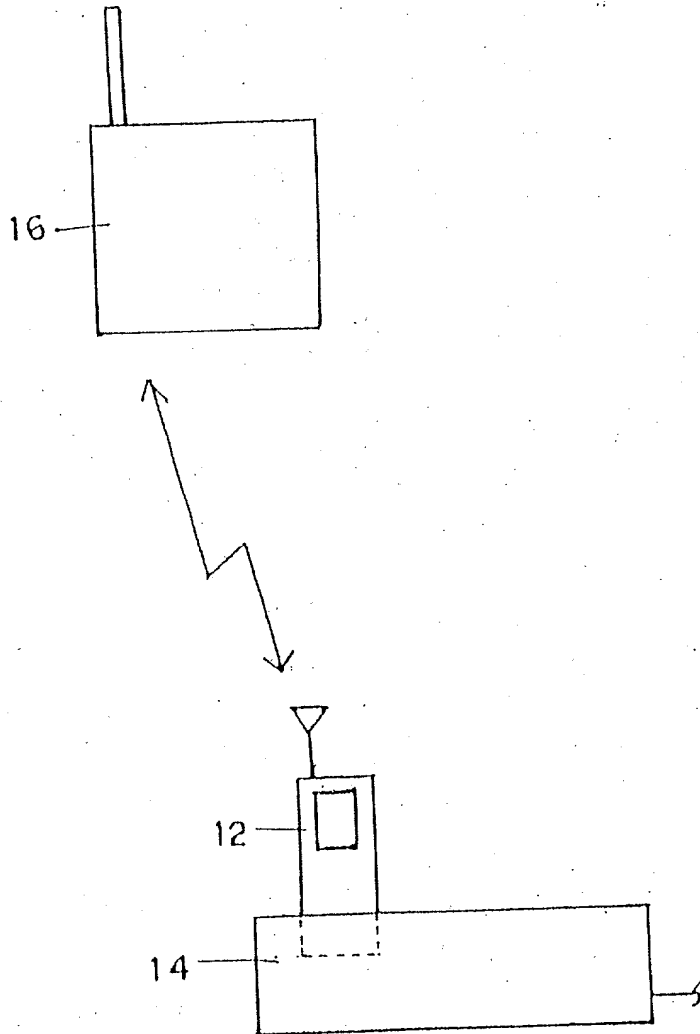


FIG. 2.

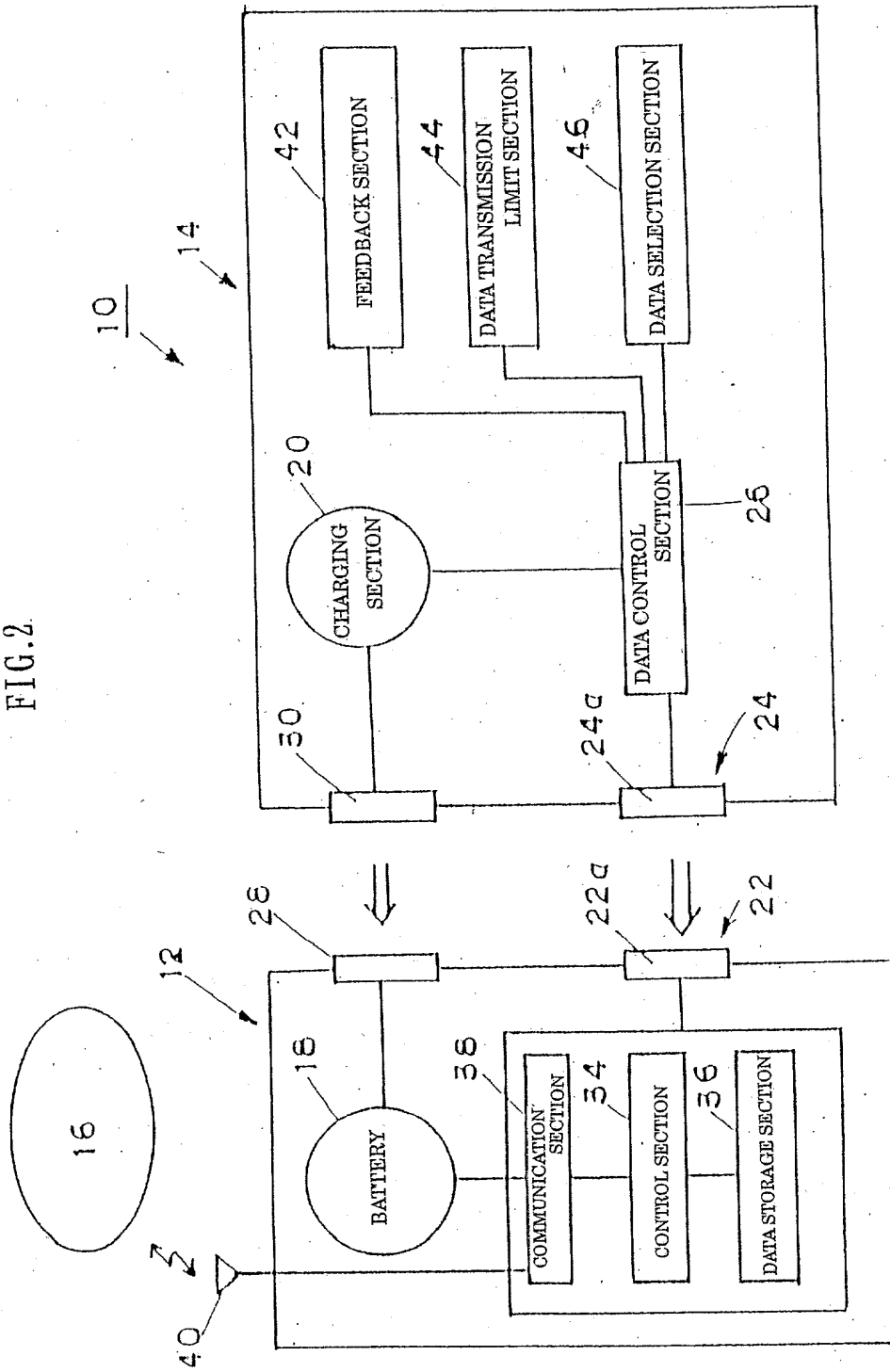


FIG. 3

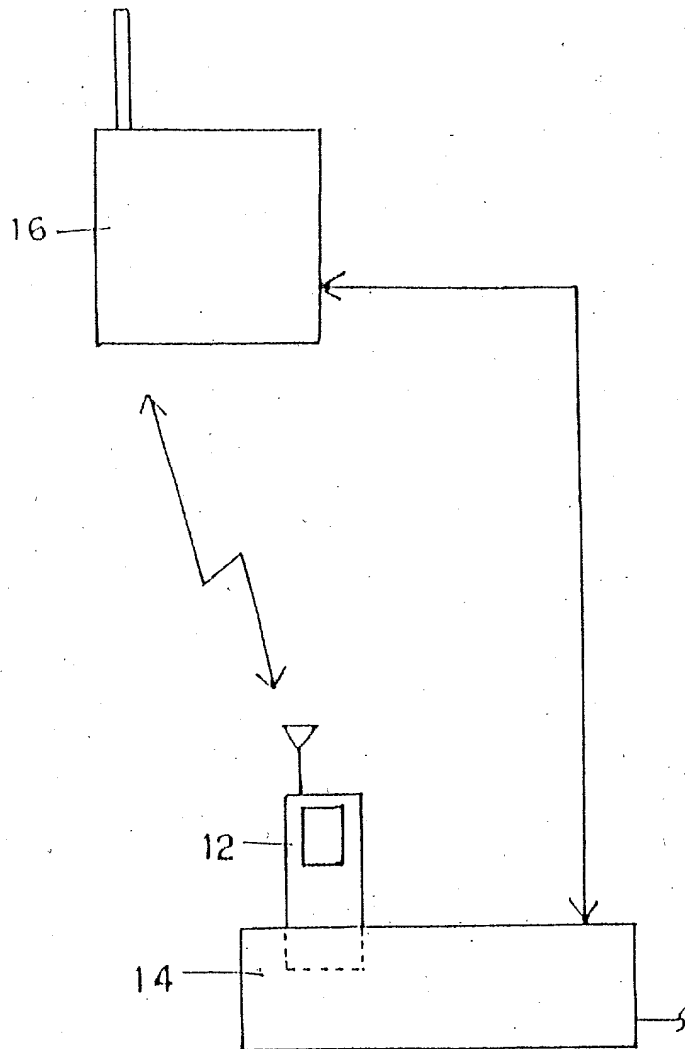
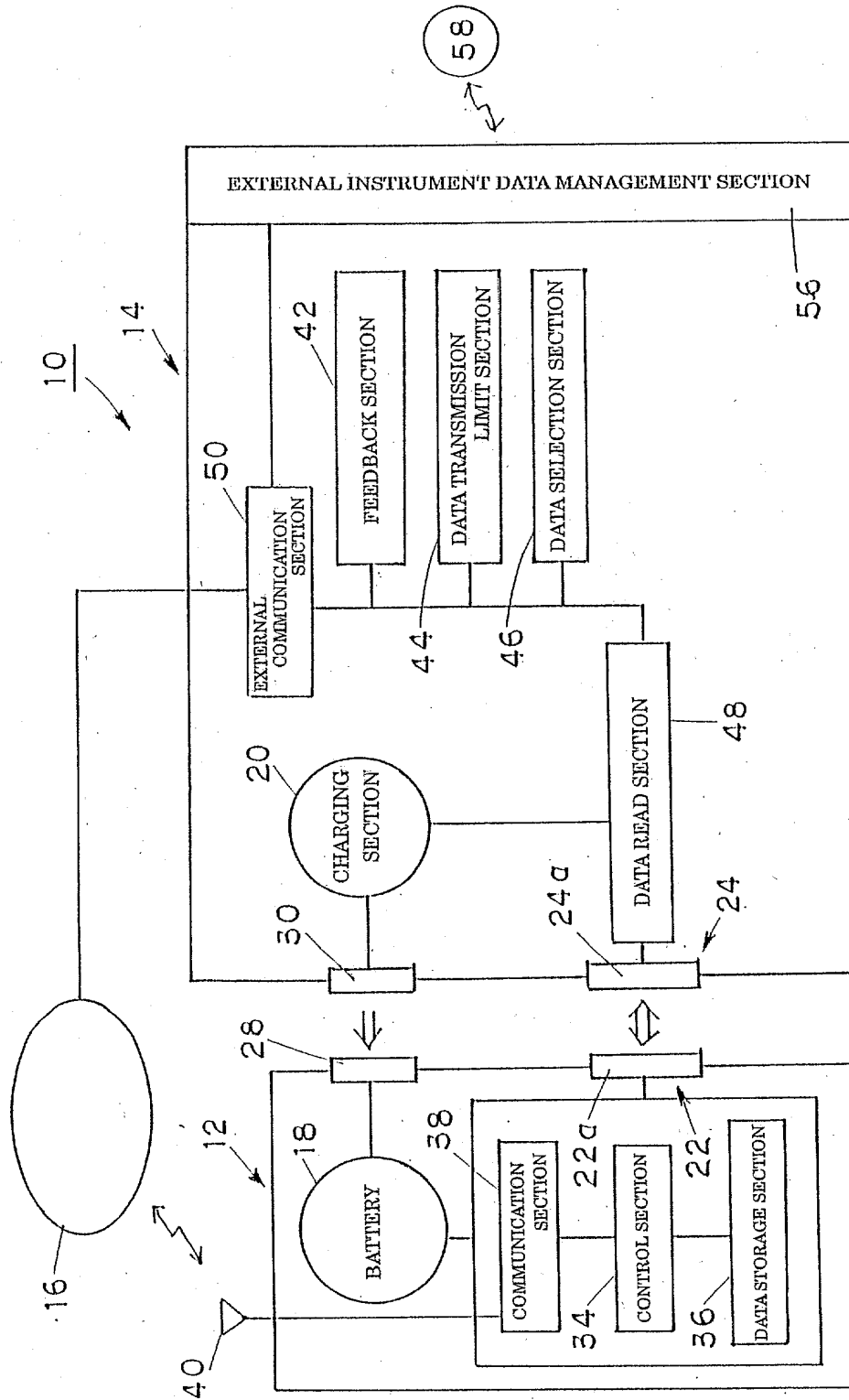


FIG. 4



The diagram illustrates a portable electronic instrument system (10) and its connection to an external data management section. The system (10) includes an antenna (40) connected to a BATTERY (18) and a CHARGING SECTION (20). The BATTERY (18) is also connected to a COMMUNICATION SECTION (34), which is part of a larger internal unit (36) that also contains a CONTROL SECTION (38) and a DATA STORAGE SECTION (42). The CHARGING SECTION (20) is connected to the COMMUNICATION SECTION (34) via a switch (28). The system (10) is connected to an EXTERNAL INSTRUMENT DATA MANAGEMENT SECTION (50) via a line (14). This external section includes an EXTERNAL COMMUNICATION SECTION (54), a FEEDBACK SECTION (56), a DATA TRANSMISSION LIMIT SECTION (58), a DATA SELECTION SECTION (60), and a DATA STORAGE SECTION (62). The EXTERNAL COMMUNICATION SECTION (54) is connected to the COMMUNICATION SECTION (34) of the internal unit (36) via a switch (24). The FEEDBACK SECTION (56) is connected to the CHARGING SECTION (20) via a switch (30). The DATA TRANSMISSION LIMIT SECTION (58) and DATA SELECTION SECTION (60) are connected to the DATA STORAGE SECTION (62). The DATA STORAGE SECTION (62) is connected to the DATA READ SECTION (48) via a switch (24). The DATA READ SECTION (48) is connected to the COMMUNICATION SECTION (34) of the internal unit (36) via a switch (24).

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FIG. 6

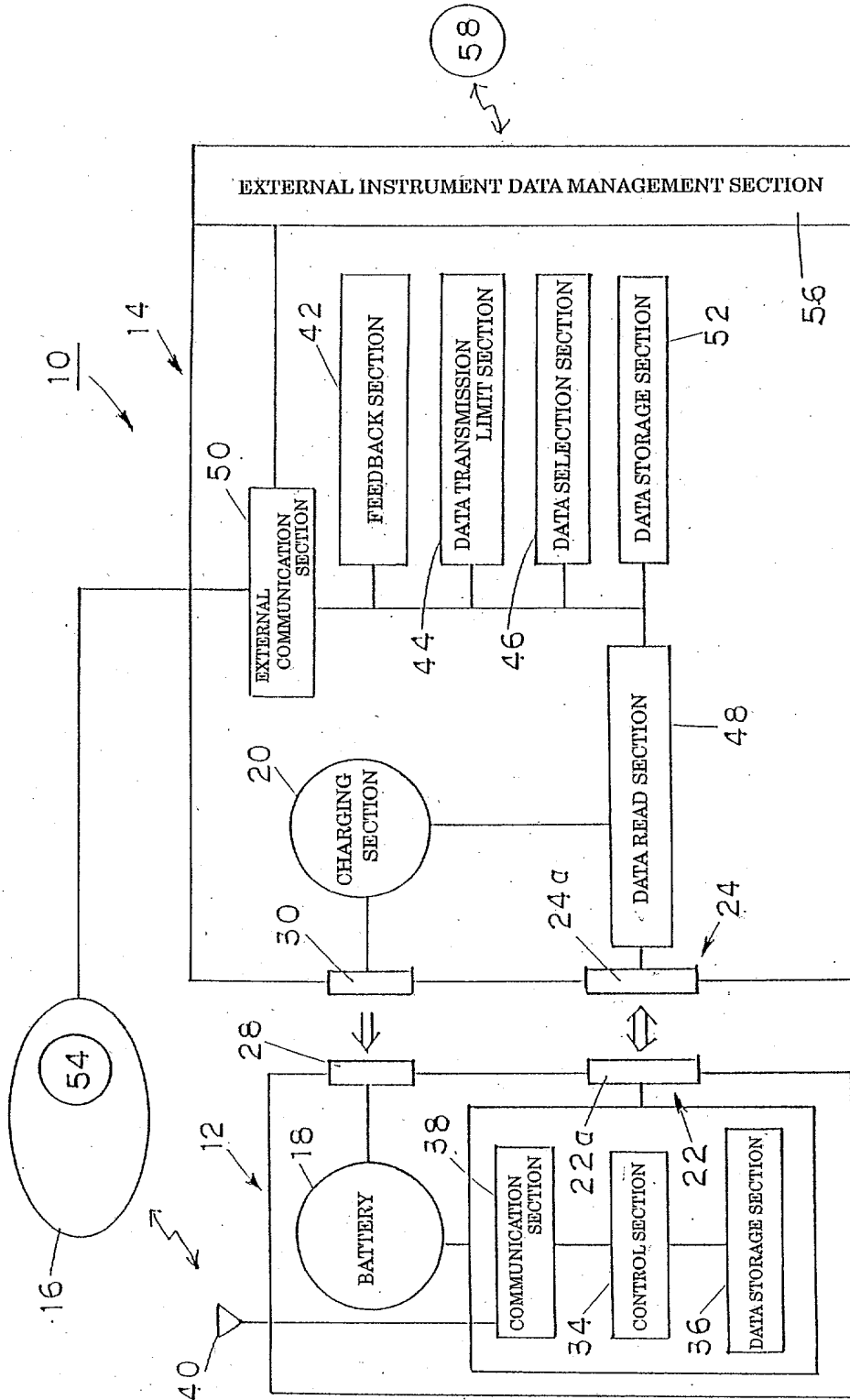


FIG. 7

